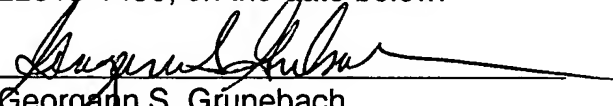


TFW 2611



Patent
PD-202130
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen, et al. : I hereby certify that this correspondence is
: being deposited with the United States Postal
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Serial No.: 10/532,632 :
Filed: April 25, 2005 :
: Mail Stop Amendment, Commissioner for
: Patents, P. O. Box 1450, Alexandria, VA
: 22313-1450, on the date below.
For: LOWER COMPLEXITY :
LAYERED MODULATION :
SIGNAL PROCESSOR :
: 
: Georgann S. Grunebach
: Typed or printed name of person signing certificate
Group Art Unit: 2611 :
Examiner: To be determined : Date: April 19, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

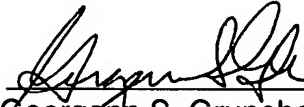
The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 
Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
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El Segundo, CA 90245

Telephone No. (310) 964-4615

April 19, 2006



Substitute for forms PTO/SB/08A and
PTO/SB/08B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**



Complete if Known

Application Number	10/532,632
I.A. Filing Date	October 10, 2003
371 (c) Date	April 25, 2005
First Named Inventor	Ernest Chen
Art Unit	2611
Examiner Name	To be determined
Attorney Docket Number	PD-202130

Sheet 1 of 5

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Examiner
Signature

Date
Considered

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	Examiner Name	To be determined
Sheet 2 of 5	Attorney Docket Number	PD-202130

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Examiner Signature		Date Considered	
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
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